

#004524-10704

1           1.    A method comprising:  
2                providing a cassette tape shaped adapter to be  
3 received within a cassette tape player;  
4                enabling a digital audio player to be coupled to  
5 said adapter; and  
6                enabling the digital audio player to be  
7 controlled through controls for said cassette tape player.

1           2.    The method of claim 1 including operating the  
2 digital audio player to play in response to operation of a  
3 play control on the cassette tape player.

1           3.    The method of claim 1 including stopping the  
2 playback of audio on the digital audio player in response  
3 to operation of a control on the cassette tape player.

1           4.    The method of claim 1 including sensing the  
2 direction of rotation of the tape player.

1           5.    The method of claim 1 including sensing rotation  
2 of the tape player.

1           6.    The method of claim 1 including sensing operation  
2 of a head of the tape player.

1           7.    The method of claim 1 including using the  
2 cassette tape shaped adapter to sense an operation of the

3 cassette tape player and to use that information to control  
4 the digital audio player.

1 8. The method of claim 1 including detecting when a  
2 rewind control on the cassette tape player is operated and,  
3 in a response to the detection of the rewind control being  
4 operated, replaying a selection on the digital audio  
5 player.

1 9. The method of claim 1 including detecting  
2 operation of a record control on the cassette tape player  
3 and automatically implementing a record function on the  
4 digital audio player.

1 10. An article comprising a medium storing  
2 instructions to enable a processor-based system to:  
3 provide a cassette tape shaped adapter to be  
4 received within a cassette tape player;  
5 enable a digital audio player to be coupled to  
6 said adapter; and  
7 enable said digital audio player to be controlled  
8 through controls for said cassette tape player.

1 11. The article of claim 10 further storing  
2 instructions to enable a processor-based system to operate  
3 the digital audio player to play in response to operation  
4 of a play control on the cassette tape player.

1        12. The article of claim 10 further storing  
2 instructions to enable a processor-based system to stop the  
3 playback of audio on the digital audio player in response  
4 to operation of a stop control on the cassette tape player.

1        13. The article of claim 10 further storing  
2 instructions to enable a processor-based system to sense  
3 the direction of rotation of the tape player.

1        14. The article of claim 10 further storing  
2 instructions to enable a processor-based system to sense  
3 rotation of the tape player.

1        15. The article of claim 10 further storing  
2 instructions to enable a processor-based system to sense  
3 operation of a record head of the tape player.

1        16. The article of claim 10 further storing  
2 instructions to enable a processor-based system to use the  
3 cassette tape shaped adapter to sense an operation of the  
4 cassette tape player and to use that information to control  
5 the digital audio player.

1        17. The article of claim 10 further storing  
2 instructions to enable a processor-based system to detect  
3 when a rewind control on the cassette tape player is  
4 operated and, in a response to the detection of the rewind

5 control operation, replay a selection on the digital audio  
6 player.

1 18. The article of claim 10 further storing  
2 instructions to enable a processor-based system to detect  
3 the operation of a record control on the cassette tape  
4 player and automatically implement a record function on the  
5 digital audio player.

1 19. A cassette tape adapter comprising:  
2 a cassette-shaped housing;  
3 a sensor to sense an operation of a cassette tape  
4 player; and  
5 an interface to couple to a digital audio player.

1 20. The adapter of claim 19 including a rotatable  
2 element and a sensor to sense rotation of the element.

1 21. The adapter of claim 19 wherein said sensor  
2 senses operation of a cassette tape head.

1 22. The adapter of claim 19 including a controller in  
2 said housing, said controller storing instructions to  
3 enable detection of the operation of a play button on a  
4 cassette tape player.

1        23. The adapter of claim 22 wherein said controller  
2 stores instructions to enable said controller to detect  
3 operation of a stop button on a cassette tape player.

1        24. The adapter of claim 23 wherein said interface  
2 provides a command to a digital audio player to stop  
3 playing when the stop button is operated.

1        25. The adapter of claim 22 wherein said controller  
2 detects operation of a tape rewind function in a cassette  
3 tape player.

1        26. The adapter of claim 25 wherein said controller  
2 sends a signal to said interface to enable said digital  
3 audio player to replay a selection when the tape rewind  
4 operator is operated on a cassette tape player.

1        27. The adapter of claim 19 including a selectively  
2 variable impedance coupleable to a digital audio player.

1        28. A digital audio player comprising:  
2            a detector to detect a selectively variable  
3 impedance in a remote device; and  
4            an electrical coupling to couple an audio signal  
5 from the digital audio player to the detector.

1        29. The player of claim 28 including audio output,  
2 said detector being connectable to the audio output.

- 1        30. The player of claim 28 wherein said audio output  
2    is a headphone output.